RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/578, 561_

Source: _JFWP_

Date Processed by STIC: _05/17/2006_

ENTERED

IFWP

RAW SEQUENCE LISTING   DATE: 05/17/2006
PATENT APPLICATION: US/10/578,561   TIME: 10:13:43

Input Set : A:\12610-020US1.txt
Output Set: N:\CRF4\05172006\J578561.raw

```
   4 <110> APPLICANT: Federoff, Howard J.
   5         Bowers, William J.
   7 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
   8         NEUROLOGICAL DISEASES
  10 <130> FILE REFERENCE: 12610-020US1
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/578,561
C--> 12 <141> CURRENT FILING DATE: 2006-05-04
  12 <150> PRIOR APPLICATION NUMBER: PCT/US2004/037511
  13 <151> PRIOR FILING DATE: 2004-11-08
  15 <150> PRIOR APPLICATION NUMBER: US 60/518,474
  16 <151> PRIOR FILING DATE: 2003-11-07
  18 <160> NUMBER OF SEQ ID NOS: 25
  20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
  22 <210> SEQ ID NO: 1
  23 <211> LENGTH: 42
  24 <212> TYPE: PRT
  25 <213> ORGANISM: Homo sapiens
  27 <400> SEQUENCE: 1
  28 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
  29 1               5                   10                  15
  30 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
  31              20                  25                  30
  32 Gly Leu Met Val Gly Gly Val Val Ile Ala
  33          35                  40
  36 <210> SEQ ID NO: 2
  37 <211> LENGTH: 42
  38 <212> TYPE: DNA
  39 <213> ORGANISM: Artificial Sequence
  41 <220> FEATURE:
  42 <223> OTHER INFORMATION: Primer
  44 <400> SEQUENCE: 2
  45 cccgaagctt accatggatg cagaattccg acatgactca gg                    42
  47 <210> SEQ ID NO: 3
  48 <211> LENGTH: 36
  49 <212> TYPE: DNA
  50 <213> ORGANISM: Artificial Sequence
  52 <220> FEATURE:
  53 <223> OTHER INFORMATION: Primer
  55 <400> SEQUENCE: 3
  56 gcgggatcca aaaatctgga ttgttgggtt gataat                           36
  58 <210> SEQ ID NO: 4
  59 <211> LENGTH: 38
  60 <212> TYPE: DNA
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 61 <213> ORGANISM: Artificial Sequence
 63 <220> FEATURE:
 64 <223> OTHER INFORMATION: Primer
 66 <400> SEQUENCE: 4
 67 cgactgagct cttaatcatt tgtccatcct tcatctgt   38
 69 <210> SEQ ID NO: 5
 70 <211> LENGTH: 17
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Artificial Sequence
 74 <220> FEATURE:
 75 <223> OTHER INFORMATION: Primer
 77 <400> SEQUENCE: 5
 78 actggcatgg ccttccg   17
 80 <210> SEQ ID NO: 6
 81 <211> LENGTH: 18
 82 <212> TYPE: DNA
 83 <213> ORGANISM: Artificial Sequence
 85 <220> FEATURE:
 86 <223> OTHER INFORMATION: Primer
 88 <400> SEQUENCE: 6
 89 caggcggcac gtcagatc   18
 91 <210> SEQ ID NO: 7
 92 <211> LENGTH: 25
 93 <212> TYPE: DNA
 94 <213> ORGANISM: Artificial Sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: GAPDH probe sequence
 99 <400> SEQUENCE: 7
100 ttcctacccc caatgtgtcc gtcgt   25
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 20
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Primer
110 <400> SEQUENCE: 8
111 cctggagcag ctgaatggaa   20
113 <210> SEQ ID NO: 9
114 <211> LENGTH: 22
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Primer
121 <400> SEQUENCE: 9
122 ccgtcatctc catagggatc tt   22
124 <210> SEQ ID NO: 10
125 <211> LENGTH: 26
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence

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```
129 <220> FEATURE:
130 <223> OTHER INFORMATION: IFN-b probe sequence
132 <400> SEQUENCE: 10
133 tcaacctcac ctacagggcg gacttc                              26
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 23
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Primer
143 <400> SEQUENCE: 11
144 tgaacgctac acactgcatc ttg                                 23
146 <210> SEQ ID NO: 12
147 <211> LENGTH: 28
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Primer
154 <400> SEQUENCE: 12
155 gttattcaga ctttctaggc tttcaatg                            28
157 <210> SEQ ID NO: 13
158 <211> LENGTH: 27
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: IFN-g probe sequence
165 <400> SEQUENCE: 13
166 tttgcagctc ttcctcatgg ctgtttc           .                 27
168 <210> SEQ ID NO: 14
169 <211> LENGTH: 23
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Primer
176 <400> SEQUENCE: 14
177 ctgcaagaga cttccatcca gtt                                 23
179 <210> SEQ ID NO: 15
180 <211> LENGTH: 20
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Primer
187 <400> SEQUENCE: 15
188 aagtagggaa ggccgtggtt                                     20
190 <210> SEQ ID NO: 16
191 <211> LENGTH: 26
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
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Input Set : A:\12610-020US1.txt
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```
196 <223> OTHER INFORMATION: IL-6 probe sequence
198 <400> SEQUENCE: 16
199 ccttcttggg actgatgctg gtgaca                                26
201 <210> SEQ ID NO: 17
202 <211> LENGTH: 23
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Primer
209 <400> SEQUENCE: 17
210 caagaacatc caagcttgag tgt                                   23
212 <210> SEQ ID NO: 18
213 <211> LENGTH: 20
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Primer
220 <400> SEQUENCE: 18
221 ttttgaccgc ccttgagagt                                       20
223 <210> SEQ ID NO: 19
224 <211> LENGTH: 25
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: MIP2 probe sequence
231 <400> SEQUENCE: 19
232 cccactgcgc ccagacagaa gtcat                                 25
234 <210> SEQ ID NO: 20
235 <211> LENGTH: 18
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Primer
242 <400> SEQUENCE: 20
243 tccaggcggt gcctatgt                                         18
245 <210> SEQ ID NO: 21
246 <211> LENGTH: 21
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Primer
253 <400> SEQUENCE: 21
254 cgatcacccc gaagttcagt a                                     21
256 <210> SEQ ID NO: 22
257 <211> LENGTH: 27
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: TNF-a probe sequence
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```
264 <400> SEQUENCE: 22
265 cagcctcttc tcattcctgc ttgtggc                              27
267 <210> SEQ ID NO: 23
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Primer
275 <400> SEQUENCE: 23
276 ttcctcccaa taccccttcc                                      20
278 <210> SEQ ID NO: 24
279 <211> LENGTH: 23
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Primer
286 <400> SEQUENCE: 24
287 tgaagtcccg gatacacaga ctt                                  23
289 <210> SEQ ID NO: 25
290 <211> LENGTH: 23
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: TNF-b probe
297 <400> SEQUENCE: 25
298 tgtgcctctc ctcagtgcgc aga                                  23
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VERIFICATION SUMMARY   DATE: 05/17/2006
PATENT APPLICATION: **US/10/578,561**   TIME: 10:13:44

Input Set : **A:\12610-020US1.txt**
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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date